

CFM4ELL-10

FM BANDPASS FILTER

FEATURES

- FM 10 kW bandpass filter
- 4 pole / 500 mm (19.7 in)
- adjustable selectivity



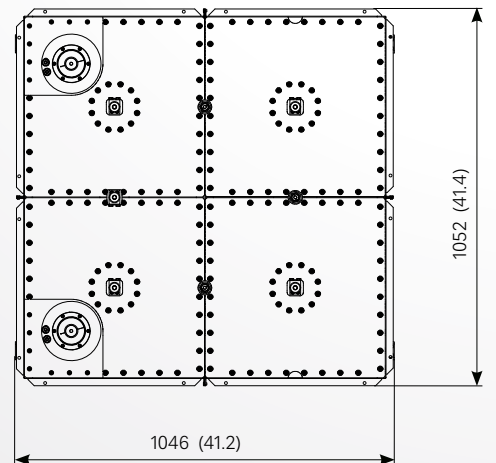
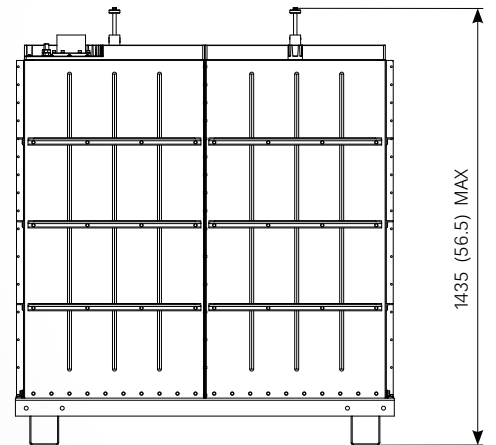
ELECTRICAL DATA

TYPE	CFM4ELL-10/EE
FREQUENCY RANGE	87.5 ÷ 108 MHz
IMPEDANCE	50 ohm
RETURN LOSS	≥32 dB at carrier fo
SELECTIVITY stop band atten. 25 dB	± 0.6 MHz
MAX INPUT POWER	10 kW (selectivity ± 0.6 MHz)
INSERTION LOSS	See table below
CONNECTORS	3-1/8" Unfl.F
OPERATING TEMPERATURE RANGE	-10 to + 45°C (+14 to +113°F)
OVER TEMPERATURE*	typical 30 K at max input power
MATERIALS	Brass, aluminium, invar, iron, teflon
EXTERNAL FINISHING	Painted RAL 9005
WEIGHT (approx)	148 kg (326 lb)

* referred to ambient temperature. Recommended: [AmbientTemp. + OverTemp.] ≤70°C (158°F)

INSERTION LOSS at carrier fo (dB)

FREQUENCY (MHz)	87.5	98	108	
SELECTIVITY (MHz)	± 0.6	0.36	0.38	0.41



All dimensions are in millimeters (inches)